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(54) Title: COMPOSITIONS AND PROCESSES FOR GENOTYPING SINGLE NUCLEOTIDE POLYMORPHISMS

(57) Abstract: The invention relates to processes, compositions and kits for analysis of nucleic acid variations, especially single nucleotide polymorphisms (SNPs). An inventive process includes a procedure to enzymatically remove inorganic pyrophosphate from a sample prior to and/or during a single base extension reaction. Processes and compositions described herein are especially useful in nucleic acid analysis methods designed to minimize transfer and separation steps.